

inserting the packet-oriented information to be transmitted for the respective communication terminals into transmission packets using a packet-oriented transmission protocol;

5 inserting a respective destination address into the transmission packets for the respective communication terminals;

broadcasting the transmission packets to all the communication terminals via the permanently allocated transmission channels; and

receiving the transmission packets by the communication terminals having the associated destination addresses, and then forwarding the transmission packets.

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10. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 9, wherein the transmission protocol is implemented via a frame relay transmission method.

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11. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 9, wherein the destination addresses correspond to the communication network addresses provided for the communication terminals.

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12. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 9, wherein a protocol-oriented destination address is allocated to each communication terminal, the protocol-oriented destination addresses being derived from the communication-network-specific destination addresses and being inserted into the respective transmission packets.

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13. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 9, wherein, in an upstream direction of transmission, one of a DECT and a

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CDMA access method is provided, the transmission channels being allocated one of individually for each connection, by a token-oriented method, by a TDMA-oriented method, by a collision-controlled method, and a time-table-controlled method.

5 14. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 9, wherein a sum of the transmission packets broadcast over at least some of the downstream transmission channels per unit time is equal to a sum of all transmission packets transmitted over a frame relay transmission path per unit time.

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 15. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 9, wherein a logical connection is permanently set up from the communication terminal to the central facility.

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 16. A method for transmitting packet-oriented information between a central facility and communication terminals via a feeder network as claimed in claim 15, wherein a number of transmission packets which can be transmitted per unit time is variable for each logical connection.

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REMARKS

 The present amendment makes editorial changes and corrects typographical errors in the specification, which includes the Abstract, in order to conform the specification to the requirements of United States Patent Practice. No new matter is added thereby. Attached hereto is a marked-up version of the changes made to the specification by the present amendment. The attached page is captioned "**Version**
25 **With Markings To Show Changes Made**".

 In addition, the present amendment cancels original claims 1-8 in favor of new claims 9-16. Claims 9-16 have been presented solely because the revisions by red-lining and underlining which would have been necessary in claims 1-8 in order
30 to present those claims in accordance with preferred United States Patent Practice